



# SIEVES



[www.LUBAS.com](http://www.LUBAS.com)

## ABOUT US

We are a manufacturer of L-PUR polyurethane elastomers – a material with a wide range of applications that proved useful in many sectors of industry, from the extractive industry to the furniture industry..

LUBAS has been on the market since 1990, yet our knowledge and experience go back to a time long before the production plant was built. They result from the long-standing research work at the Faculty of Materials Science and Engineering at Warsaw University of Technology as well as implementations and applications of polyurethanes in the extractive industry in 1970's and 1980's.

Currently, LUBAS is a modern plant with multiple departments which comprises several process lines all operating simultaneously.

The heart of the company is a polyurethane elastomer casting house and an autonomous engineering/construction department with advanced 3D technologies and a mechanical department with CNC machines.



Thanks to our modern facilities, we have been supplying complex solutions for mineral screening / dewatering plants. Our offer grows larger year by year, and today it already includes:

- L-PUR modular sieves
- L-PUR tensioned screen panels
- rubber sieves and steel sieves
- sieves in the form of mats and mat membranes for dewatering bucket wheels
- accessories

**The Lubas Products work hard for their reputation, thanks to which we can say that we provide:**

- wet and dry sieving
- sifting of natural and crushed stone
- from small slots to large openings, 0.5 mm to 150 mm
- silty, dusty and sticky materials
- regardless of the dumping height, feed or granulation size (armoured sieves)



## L-PUR MODULAR SIEVES

Our portfolio contains dozens of sieve types in modular form, in a variety of formats, suitable for the majority of systems available in Europe. We can produce single-layer and double-layer sieves, as per customer's needs. Our engineering facilities enable us to produce sieves of any length or width, in any system.

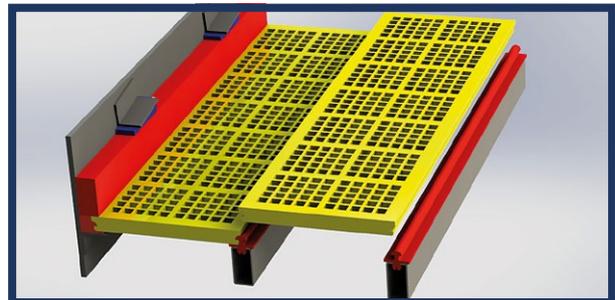
**Our well-thought L-solutions involve advanced design of the sieve area that improves sieve reliability and extends its life by**

- round mesh
- reinforced bridges



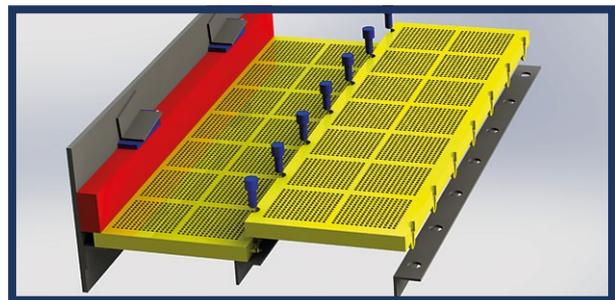
### L-85 SIEVES

Sieve mounted on adaptive bar is the most popular model, used by the majority of gravel and sand pits in Europe. We offer a full range of accessories for that system.



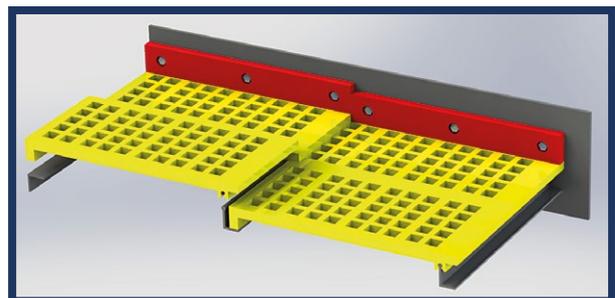
### L-PIN SIEVES

Fastened with pins. This system has been in our portfolio for many years now. We provide the storage for sieves and pins, which enables us to provide customers with quick servicing of sieves both during winter and summer season.



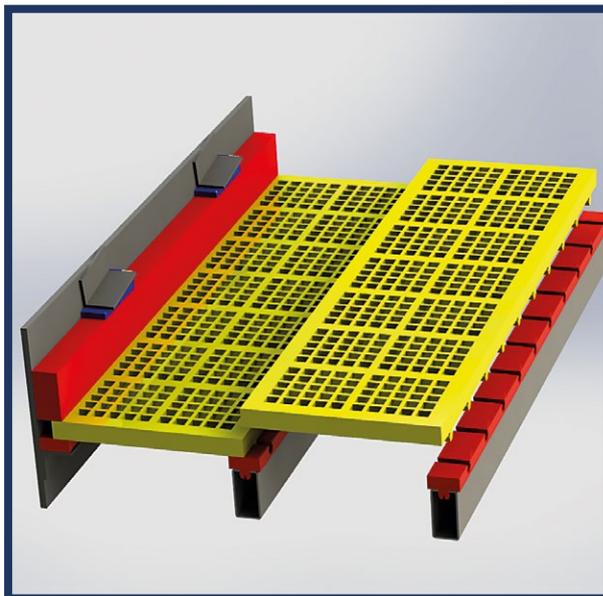
### L-STEP SIEVES

Commonly referred to as „step sieves”, due to their form - consecutive rows of sieves are arranged in characteristic steps. We manufacture sieves in the size of 300x600, as well as in any other size as per customer's needs.



## L-VAR SIEVES

This is another type of sieve, mounted on dedicated adaptive bar. Just like our other systems, it guarantees extended sieve life in everyday operation, as the L-PUR material offers great self-cleaning properties.



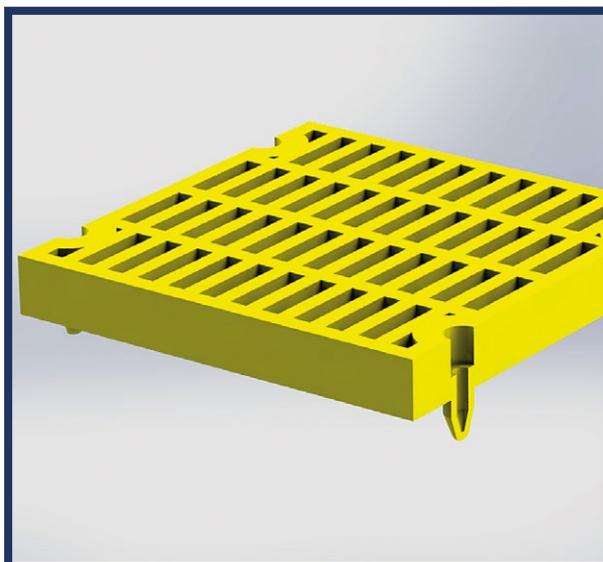
## L-2000 SIEVES

This type of sieve has been delivered to our customers, both in Poland and abroad, for many years now. It is available in all sizes, in single-layer and double-layer execution, according to destination.



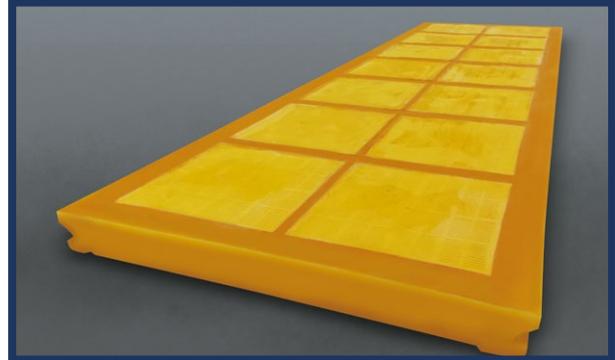
## L-POL SIEVES

305x305 mm (Imperial equivalent 1ft x1ft). Those small modules are manufactured mostly for American markets. Just like our other products, they may be custom-made to ensure suitable comfort of operation with the sifter.



## L-PUR INSERT

To meet our customers' needs, our offer includes sieves with thermoplastic inserts. These sieves feature very narrow slot openings in the sieving part and are used to dewater materials. They often work connected with hydrocyclones dewatering systems.



## L-PUR TENSIONED SIEVES

L-PUR tensioned sieves substitute other tightened sieves practically without modification of sifters. They may substitute any polyurethane, rubber or steel sieves.

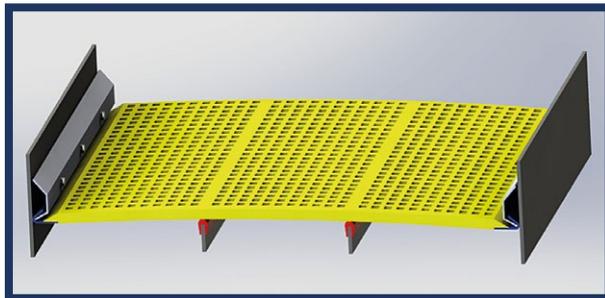
Such sieves are installed by tightening of sieve hooks with the use of tightening ties.

Reinforcing sieves with steel cable or suitable steel rod ensures flexing of sieves during installation, resulting in secure adhesion of sieves to the sifter structure, which guarantees effective sifting. Custom-made sieves: \*with hooks\* with groove for tightening.

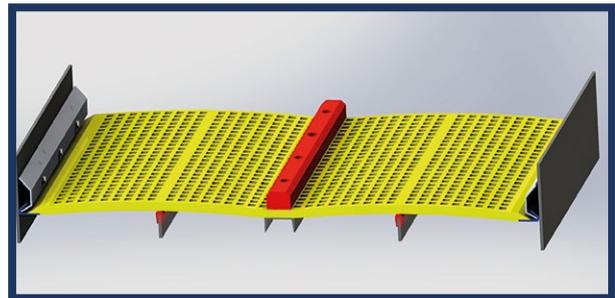


## TRANSVERSALLY TENSIONED

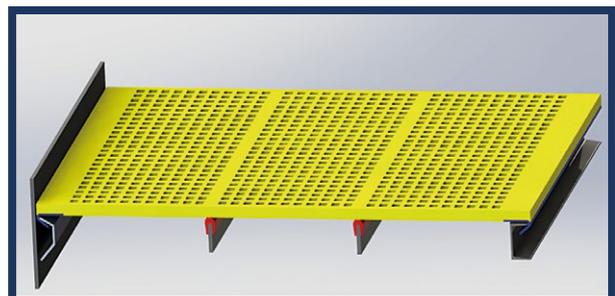
SINGLE-ARC



DUAL-ARC



## LONGITUDINALLY TENSIONED



## RUBBER MEMBRANE SIEVES AND L-PUR EQUIVALENTS

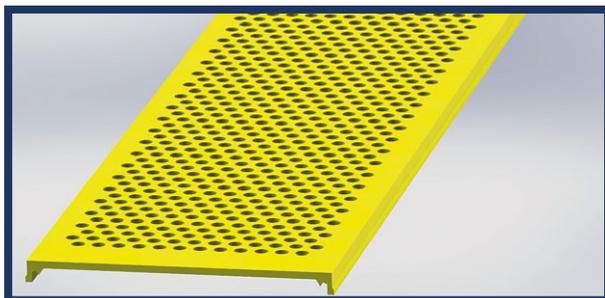
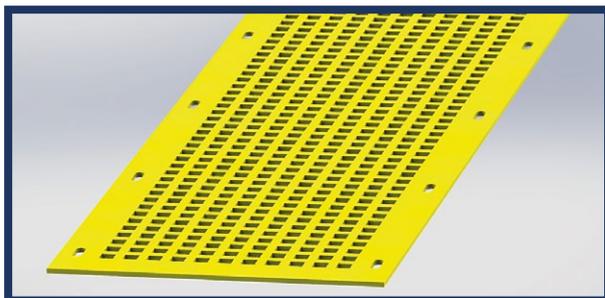
Our portfolio includes also rubber sieves and their L-PUR equivalents, delivered on request. They are suitable for sticky materials. The absence of reinforcement ensures their self-cleaning properties. They are fully made with soft materials. They are often used with older sifters with lower amplitudes of vibrations.



## LIVELL AND BINDER MAT SIEVES

Our family of products covers also sieve mats for loose and sticky materials. They are used with specialized sifters by Binder and Livell. Such sieves are made of materials with top parameters, 2 to 8mm thick.

Their high flexibility produces the springboard effect. The mat is operated in alternating cycles of tensioning and shrinking. This ensures 100% non-clogging. The intensity of sifting is a few times higher than with standard sieves.



## MATS FOR WHEEL DEWATERERS

Self-cleaning, reliable mats for wheel dewaterers. Custom made to match the specification of each wheel. Suitable for operation with both old and new dewaterers. Made of a very strong L-PUR elastomer, they do not require additional fastening parts.

- they do not get clogged
- have long life-cycle
- do not rust
- ensure dewatering intensification



## STEEL SIEVES

Our portfolio includes all kinds of steel sieves, made of the best quality wire, in any mesh size and wire thickness.



## WOVEN SIEVES

Woven sieves are generally used for sifting of dry materials. They require large sifting area. Their weight per area is lower than that of elastomer sieves and their load on sifters is smaller.



## STRING SIEVES

The main field of application area of string sieves are mobile sifters. They are used in pre-sifting with large sand content. They are ideal for sifting the 0-2 fractions with large sand content. Those sieves guarantee the absence of clogging and very high efficiency.



## ACCESORIES

Our complementary accessories for all types of sieves in our portfolio as well as other products for sorting plants:

- pins B-30, B-40, B-50, dispersing pins, other pins, heads and guards
- side bars, central bars, under sieve bars
- sill bars – to intensify sifting and dewatering, spray nozzles
- adaptive bars for all types of sieves
- bellows and guards of water pipes in the sifter



